Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140472.D
Acq On : 19 Nov 2024 14:39
Operator : RC/JU
Sample : P4852-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Quant Time: Nov 19 15:28:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	160639	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	617685	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	339230	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	599763	20.000	ng		0.00
76) Chrysene-d12	14.045	240	308205	20.000	ng		0.00
86) Perylene-d12	15.527	264	312291	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1033315	109.828	ng		0.02
7) Phenol-d6	6.516	99	1411308	110.717	ng		0.01
23) Nitrobenzene-d5	7.440	82	908125	76.602	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	379851	112.603	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1564446	74.136	ng		0.00
79) Terphenyl-d14	12.986	244	1427020	80.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	193532	46.152	ng		98
3) Pyridine	3.505	79	469179	45.512	ng		100
4) n-Nitrosodimethylamine	3.469	42	252595	48.481	ng		98
6) Aniline	6.540	93	270030	24.352	ng	#	1
8) 2-Chlorophenol	6.663	128	517734	51.228	ng		97
9) Benzaldehyde	6.422	77	47030	6.156	ng		99
10) Phenol	6.534	94	639912	47.603	ng		91
11) bis(2-Chloroethyl)ether	6.610	93	513101	50.375	ng		99
12) 1,3-Dichlorobenzene	6.816	146	526437	47.210	ng		99
13) 1,4-Dichlorobenzene	6.893	146	527264	46.632	ng		99
14) 1,2-Dichlorobenzene	7.040	146	507993	48.396	ng		99
15) Benzyl Alcohol	7.016	79	457879	49.857	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	656682	46.676	ng		65
17) 2-Methylphenol	7.134	107	406135	48.850	ng	#	92
18) Hexachloroethane	7.381	117	200393	47.941	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	364215	47.309	ng		99
20) 3+4-Methylphenols	7.287	107	504536	48.525	ng		92
22) Acetophenone	7.281	105	678302	47.215	ng	#	98
24) Nitrobenzene	7.457	77	569997	46.179	ng		99
25) Isophorone	7.693	82	1000361	47.612	ng		100
26) 2-Nitrophenol	7.769	139	278180	50.787	ng		98
27) 2,4-Dimethylphenol	7.810	122	390943m	55.750	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	615923	47.808	ng		99
29) 2,4-Dichlorophenol	8.016	162	428689	49.465	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	440378	45.641	ng		100
31) Naphthalene	8.175	128	1473550	47.027	ng		99
32) Benzoic acid	7.951	122	297798	48.262	ng		96
33) 4-Chloroaniline	8.234	127	76913	7.058	ng		99
34) Hexachlorobutadiene	8.287	225	284420	46.265	ng		99
35) Caprolactam	8.604	113	139576m	48.456	ng		
36) 4-Chloro-3-methylphenol	8.722	107	463653	48.276	ng		98
37) 2-Methylnaphthalene	8.869	142	958627	47.712	ng		100
38) 1-Methylnaphthalene	8.963	142	891975	45.336	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	443589	47.287	ng		99
41) Hexachlorocyclopentadiene	9.016	237	373760	155.180	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	298427	48.475	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	316498	47.022	ng	98
46) 1,1'-Biphenyl	9.334	154	1178581	47.757	ng	100
47) 2-Chloronaphthalene	9.357	162	885179	47.085	ng	99
48) 2-Nitroaniline	9.457	65	296890	47.619	ng	98
49) Acenaphthylene	9.775	152	1436576	50.506	ng	100
50) Dimethylphthalate	9.634	163	1097767	49.647	ng	100
51) 2,6-Dinitrotoluene	9.698	165	239999	47.611	ng	97
52) Acenaphthene	9.945	154	1028856m	53.555	ng	
53) 3-Nitroaniline	9.869	138	122530	23.146	ng	99
54) 2,4-Dinitrophenol	9.981	184	260960	100.390	ng	99
55) Dibenzofuran	10.116	168	1290185	47.440	ng	99
56) 4-Nitrophenol	10.045	139	350311	90.721	ng	98
57) 2,4-Dinitrotoluene	10.104	165	316708	47.738	ng	98
58) Fluorene	10.463	166	992376	46.191	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	271606	51.106	ng	98
60) Diethylphthalate	10.334	149	1074251	47.513	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	492946	46.475	ng	99
62) 4-Nitroaniline	10.486	138	228544	42.223	ng	99
63) Azobenzene	10.610	77	1159482	51.902	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	179703	55.690	ng	96
66) n-Nitrosodiphenylamine	10.575	169	886182	51.138	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	300044	50.047	ng	98
68) Hexachlorobenzene	11.010	284	327029	48.481	ng	99
69) Atrazine	11.098	200	282583	53.898	ng	98
70) Pentachlorophenol	11.210	266	330332	90.910	ng	99
71) Phenanthrene	11.428	178	1445174	51.294	ng	99
72) Anthracene	11.481	178	1381103	50.017	ng	100
73) Carbazole	11.633	167	1273018	46.691	ng	100
74) Di-n-butylphthalate	11.957	149	1582422	48.357	ng	100
75) Fluoranthene	12.616	202	1481639	46.874	ng	100
77) Benzidine	12.739	184	206811	17.483	ng	99
78) Pyrene	12.845	202	1463566	55.516	ng	100
80) Butylbenzylphthalate	13.457	149	551340	54.441	ng	98
81) Benzo(a)anthracene	14.033	228	1114758	55.034	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	197920	30.741	ng	99
83) Chrysene	14.074	228	931656	50.409	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	722368	53.439	ng	99
85) Di-n-octyl phthalate	14.633	149	1096091	57.573	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	948309	49.158	ng	100
88) Benzo(b)fluoranthene	15.092	252	991589	48.539	ng	100
89) Benzo(k)fluoranthene	15.127	252	854678	51.213	ng	99
90) Benzo(a)pyrene	15.468	252	872789	55.017	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	762289	47.805	ng	99
92) Benzo(g,h,i)perylene	17.486	276	694135	42.580	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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